



Biomarkers Market Research Report: Forecast up to 2023

Global Biomarkers Market

A biomarker refers to a biological molecule or gene that is used to effectively and accurately evaluate pharmacologic responses, pathogenic procedures, and biological procedures. Also known as a molecular marker or signature molecule, biomarkers are found in blood, other body fluids, and tissue. Extensively used to see the body's response to a particular treatment for a disease or condition, biomarkers assist medical professionals to take effective clinical decisions and help in diagnosing the health of patients. The U.S. Food and Drug Administration (FDA) has approved the usage of biomarkers as surrogate end-points in the treatment development process.

Biomarkers play a pivotal role in disease risk assessment, drug discovery and development, diagnostics development, personalized medicine, and others. Research activities are particularly focused on the development of diagnostics biomarkers for cancer. For example, a new protein array technology developed by researchers from the Arizona State University is expected to detect antibodies targeting proteins in Human Papillomavirus (HPV) subtypes that are highly associated with cancer. Research and development activities hold the potential to define the future outlook of the global biomarkers market.

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Global Biomarkers Market: Overview

The global biomarkers market has witnessed increased demand in recent years due to the rapidly growing population worldwide, robust growth of the IT industry, and increasing efforts toward drug discovery. The entry of new players is expected to further boost the growth of the market. The growing usage of biomarkers in medical areas such as cancer treatment and research will propel the future growth of the global biomarkers market. Biomarkers are extensively used to detect diseases such as neurological disorders, immunological disorders, cancer, cardiovascular disorders, and others. In the field of oncology, recently three biological markers have been added to conventional breast cancer risk models to identify women at a higher risk of breast cancer. The oncology segment is projected to expand robustly in the near future.

The low cost of clinical trials across developing countries and new initiatives undertaken for research on biomarkers will augment the growth of the global biomarkers market. However, the need for high capital investment, unfavorable regulatory and reimbursement policies, high costs of tests, sample collection, and storage, and low benefit-cost ratio will restrain the growth of the overall market. Biomarkers are of various types such as efficacy biomarkers, safety biomarkers, and validation biomarkers. Efficacy biomarkers are further categorized into predictive biomarkers, pharmacodynamics biomarkers, surrogate biomarkers, and prognostic biomarkers. The demand for

surrogate biomarkers across research activities is particularly high.

Global Biomarkers Market: Region-wise Outlook

The global biomarkers market has been segmented into four key regions: Asia Pacific, Europe, North America, and Rest of the World. In the coming years, North America is expected to register the fastest growth in the market due to the growing acceptance of advanced technologies, entry of new players, new product launches, and wider usage of biomarkers.

Some of the prominent players in the global biomarkers market are Agilent Technologies Inc., Bruker Corporation, Abbott Laboratories, Epigenomics AG, Diagnostics Inc., Celera Corporation, GE Healthcare, and Becton, Dickinson and Company. The leading companies in the market are expected to face stiff competition with the entry of new players in the market and are hence focusing on the changing trends in the market.

This research report analyzes this market on the basis of its market segments, major geographies, and current market trends. Geographies analyzed under this research report include

North America

Asia Pacific

Europe

Middle East and Africa

Latin America

This report provides comprehensive analysis of

Market growth drivers

Factors limiting market growth

Current market trends

Market structure

Market projections for upcoming years

Request a brochure of this report to know what opportunities will emerge in the rapidly evolving Biomarkers Market during 2016- 2023

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